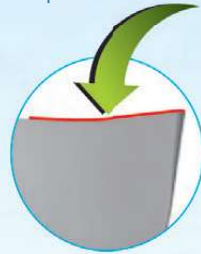


-LC

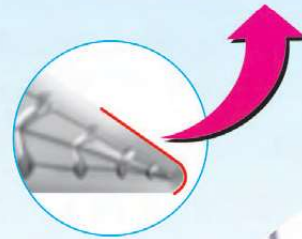
New-generation chipbreaker for aluminum

- LC inserts are designed with a special chipbreaker. Large rake angle and clearance angle allow for sharper cutting edge, ensuring smoother cutting, while controlling chips.
- A polished rake face reduces friction and adhesion to cutting tool. Chips are allowed to flow freely across rake face and improve the quality of the workpiece finish.
- G-class precision tolerance of insert permits higher accuracy of surface finish and better repeatability when insert is indexed. Machining vibration is reduced also.

Angular cutting edge improves chip flow and control.

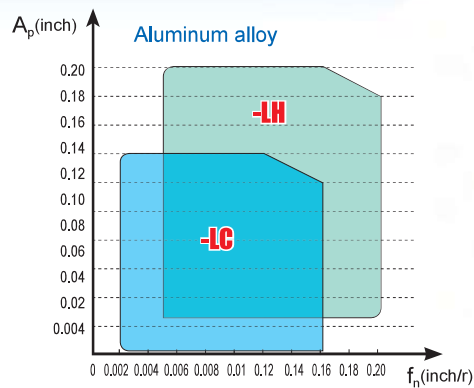
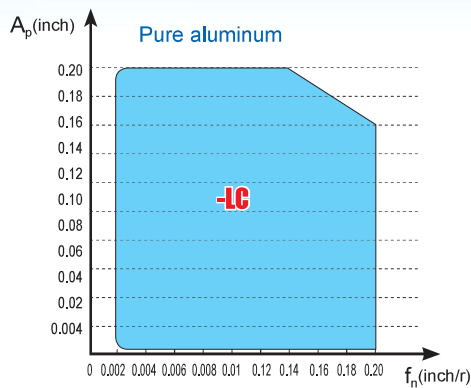


Cutting edge segues from nose to main edge without interruption.

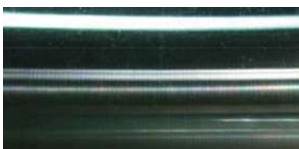
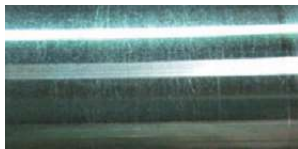


-LC and -LH chipbreaker characteristics and machining range

- LC chipbreaker can be used in machining of pure Al, while -LH chipbreaker can not.
- LC chipbreaker expand the chip breaking range of Al alloy machining.



Workpiece material: Pure aluminum

Cutting parameters	V=1148SFPM Ap=0.008inch F=0.008inch/r	
Chips		
Surface quality		
	-LC chipbreaker	Competitor's tool
-LH chipbreaker is more suitable for machining aluminum alloy with larger cutting depth and higher feed rate. -LC chipbreaker is more suitable for machining aluminum alloy with smaller cutting depth and lower feed rate.		